

Porcelaingres. Color Studio.



Technical Data

Color Studio | Summary



Collection: Color Studio | Color: Powder – Mosaic



Inspiration | [click here](#)
Visit the collection webpage
in other languages.

Colors

 Night	 Sage
 Powder	 White*
 Brown	 Biscuit
 Malt	 Cream

Technical features

Natural | R9 A | ± 6 mm

- 120×60
- 120×30*
- 100×100
- 60×60
- 60×30

Specials

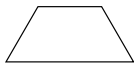
- Bullnose
- Step



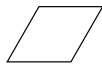
20×20
Square



20×20×28
Triangle



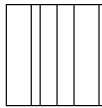
46×23
Trapezoid



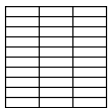
23×23
Rhombus



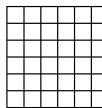
28×20
Parallelogram



30×30
Listel



30×30
Brick Mosaic



30×30
Mosaic



40% Raw material from recycling process
products assessed and found to comply
with the LEED and BREEAM regulations.

Color Studio

Product details – Part 1 of 2

[illegible]

Color Studio

Product details – Part 2 of 2

[illegible]



Decorative Patterns.

**Dynamic designs: the
interplay of shapes and
colors.**

Explore timeless elegance with unique combinations of colors and shapes, crafting distinctive Patterns and unforgettable effects for your space.

Regular Patterns	11
Random Patterns	37

1

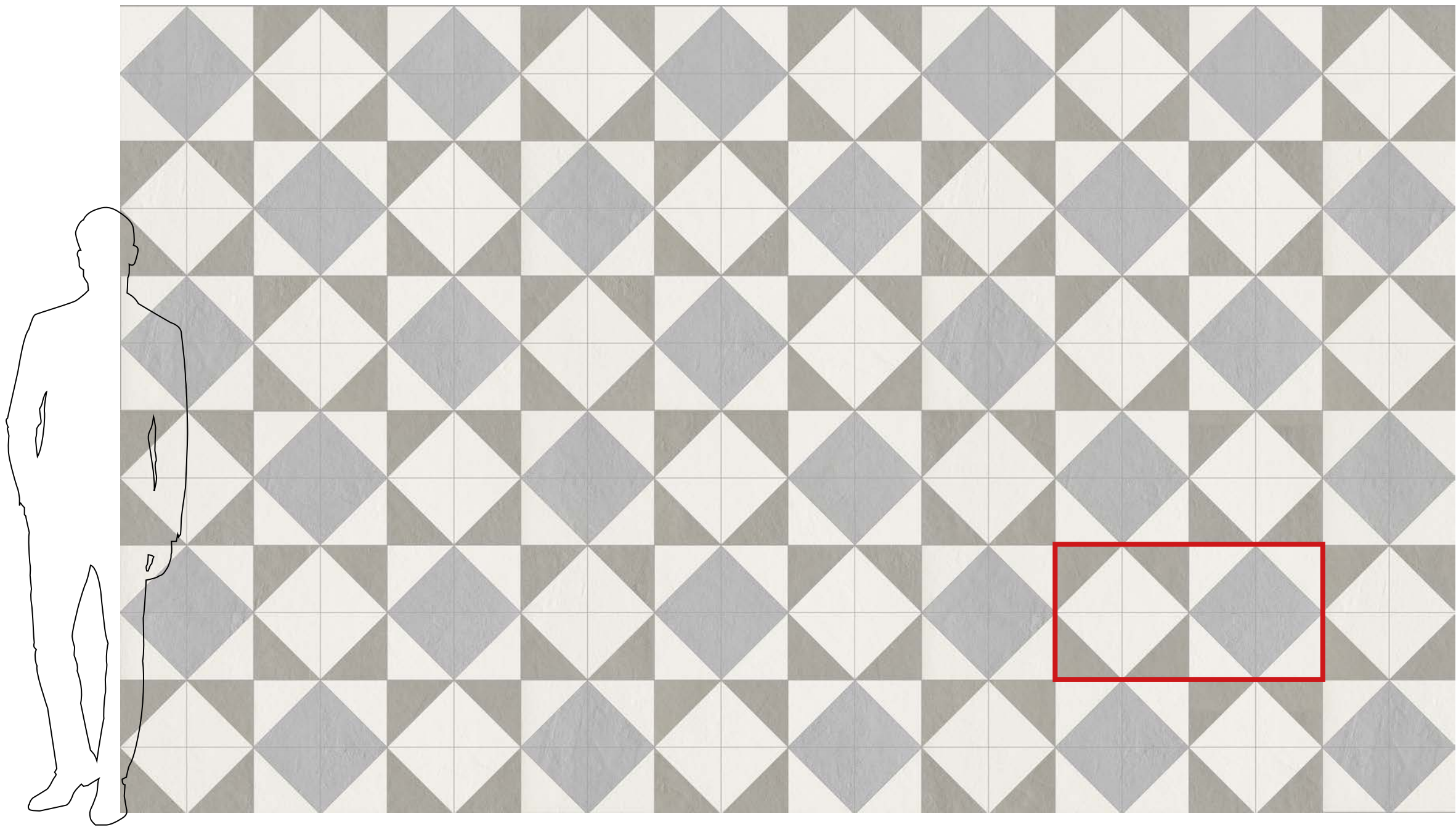
Regular Patterns.

Repeated decorative elements always create different geometries.

Triangle Sol. 1	12
Triangle Sol. 2	14
Triangle Sol. 3	16
Square	18
Parallelogram	20
Square + Parallelogram	22
Square + Triangle	24
Rhombus	26
Trapezoid Sol. 1	28
Trapezoid Sol. 2	30
Rhombus + Trapezoid Sol. 1	32
Rhombus + Trapezoid Sol. 2	34

Triangle | Sol. 1

Regular Patterns.



Triangle pattern 240×400 cm - 96"×160"

Single elements:



Triangle
20×20×28 cm
8"×8"×11"

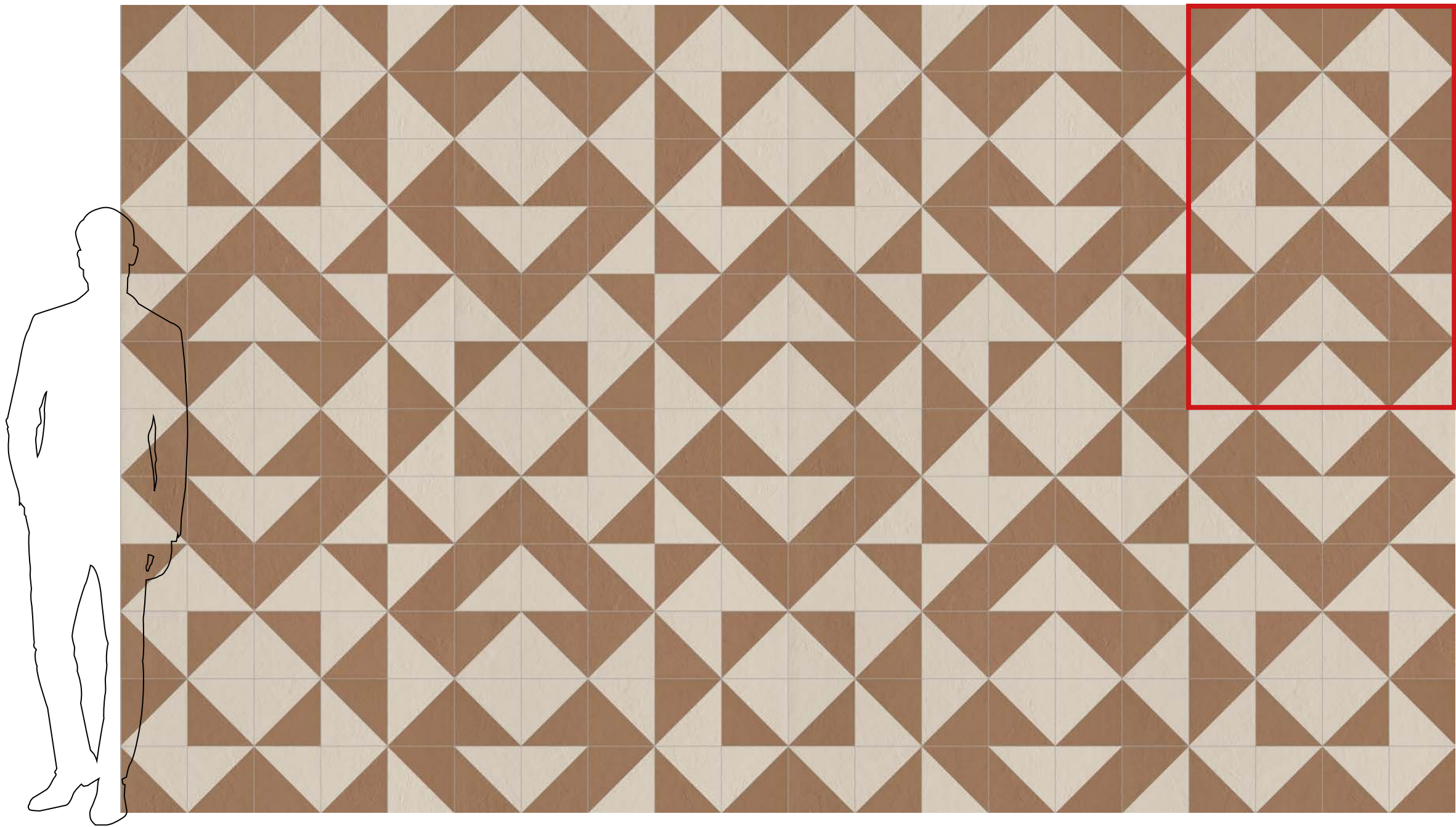
Element	%	pcs
Triangle White	50%	8
Triangle Sage	25%	4
Triangle Powder	25%	4



Minimum compositional module
40×80 cm - 16"×32"

Triangle | Sol. 2

Regular Patterns.



Triangle pattern 240×400 cm - 96"×160"

Single elements:



Triangle
20×20×28 cm
8"×8"×11"

Element	%	pc
Triangle Cream	50%	24 pcs
Triangle Malt	50%	24 pcs



Minimum compositional module
80×120 cm - 32"×40"

Triangle | Sol. 3

Regular Patterns.



Triangle pattern 320×540 cm - 128"×213"

Single elements:



Triangle
20×20×28 cm
8"×8"×11"

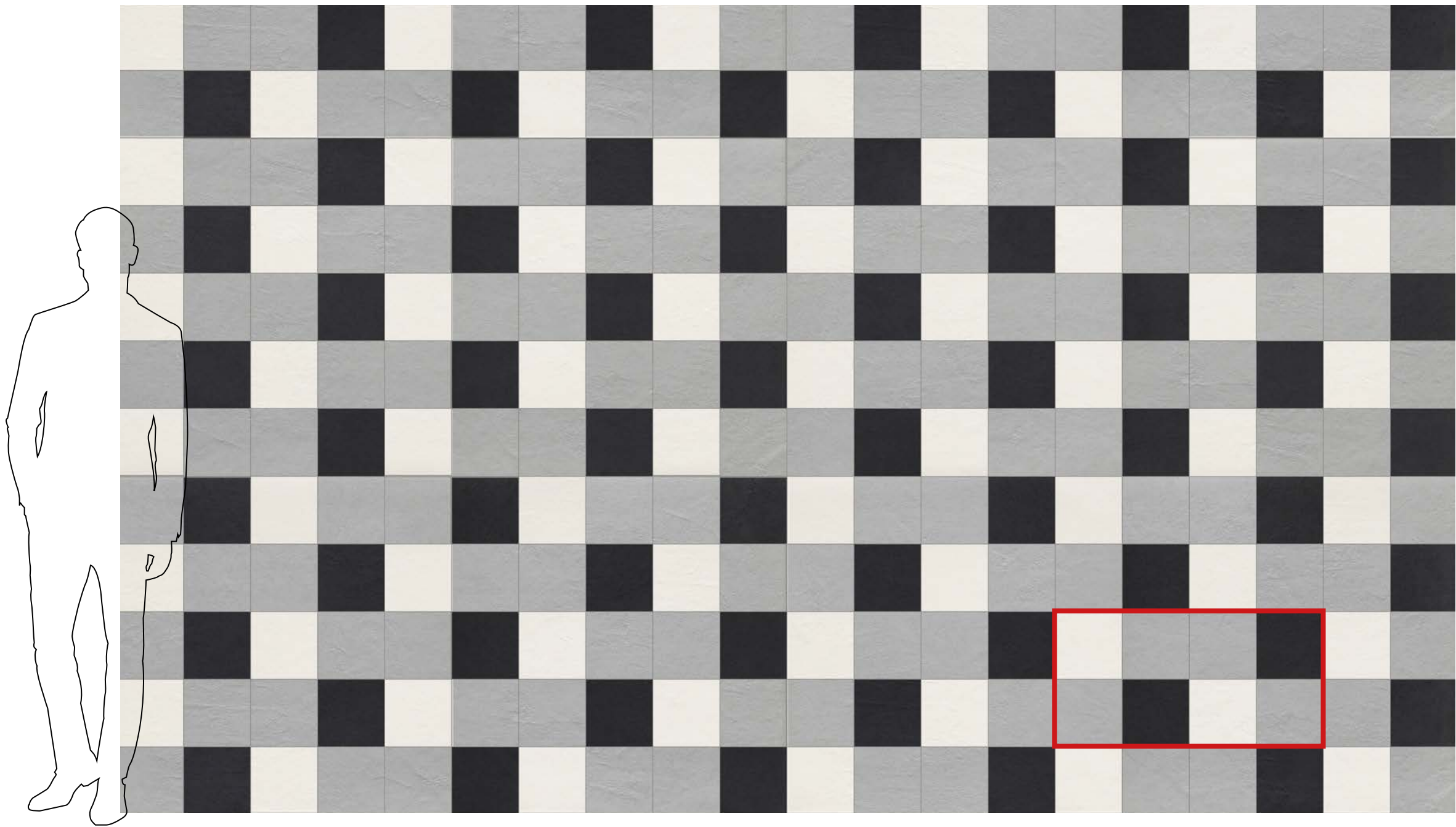
Element	%	pc
Triangle White	48,8%	122 pcs
Triangle Powder	16%	40 pcs
Triangle Malt	12,8%	32 pcs
Triangle Cream	6,4%	16 pcs
Triangle Brown	4%	10 pcs
Triangle Night	4%	10 pcs
Triangle Sage	4%	10 pcs
Triangle Biscuit	4%	10 pcs



Minimum compositional module
224×224 cm - 88"×88"

Square

Regular Patterns.



Square pattern 240×400 cm - 96"×160"

Single elements:



Square
20×20 cm
8"×8"

Element	%	pc
Square Powder	50%	4 pcs
Square White	25%	2 pcs
Square Night	25%	2 pcs



Minimum compositional module
40×80 cm -16"×32"

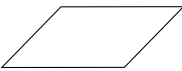
Parallelogram

Regular Patterns.



Parallelogram pattern 240×400 cm - 96"×160"

Single elements:



Parallelogram L+R
28×20 cm
11"×8"

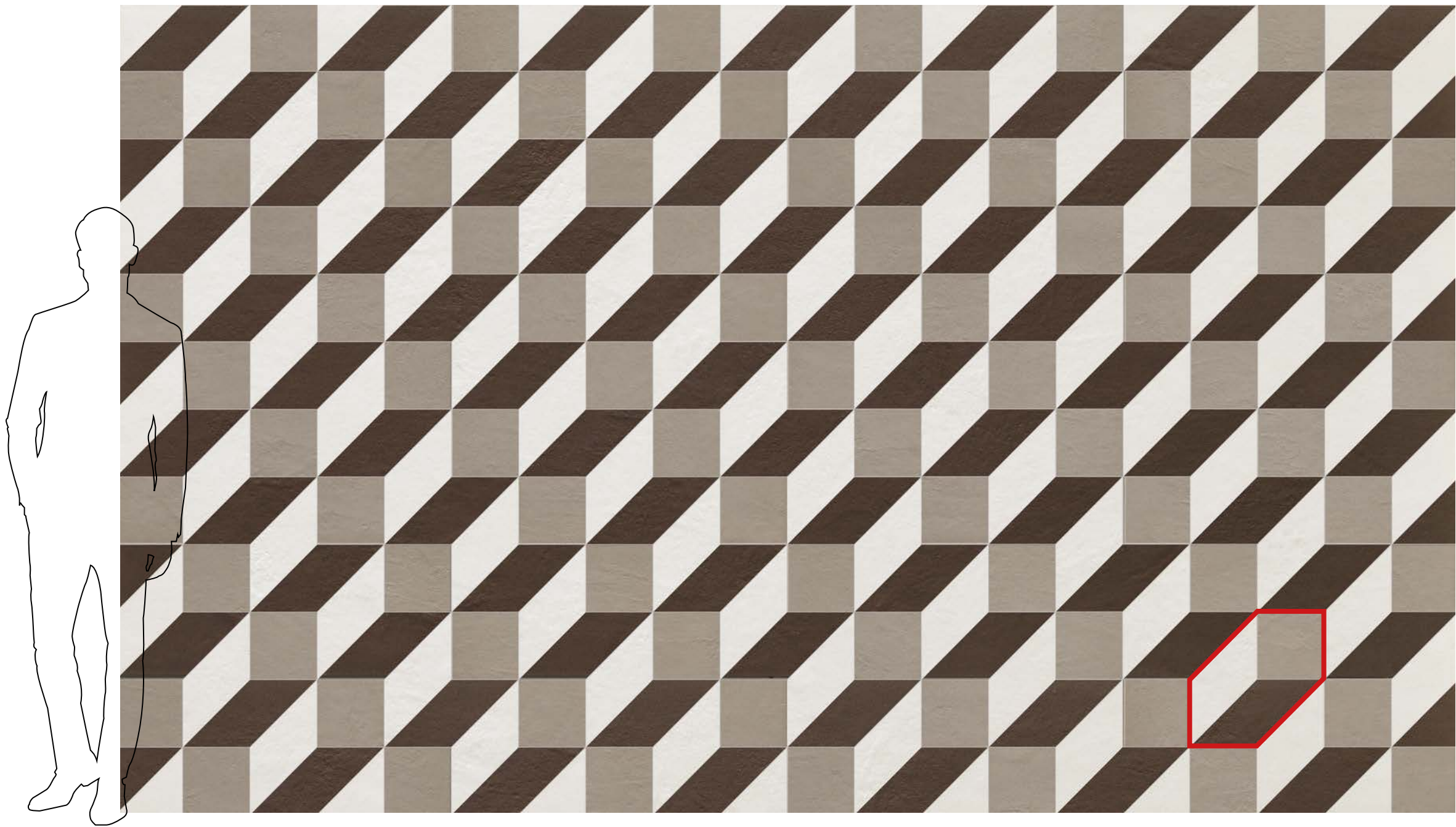


Element	%	pc
Parallelogram R White	27%	7 pcs
Parallelogram R Powder	12%	3 pcs
Parallelogram R Sage	8%	2 pcs
Parallelogram R Night	3%	1 pc
Parallelogram L White	27%	7 pcs
Parallelogram L Powder	12%	3 pcs
Parallelogram L Sage	8%	2 pcs
Parallelogram L Night	3%	1 pc

Minimum compositional module
40×240 cm - 16"×96"

Square + Parallelogram

Regular Patterns.



Square + Parallelogram pattern 240×400 cm - 96"×160"

Single elements:



Square
20×20 cm
8"×8"



Parallelogram L+R
28×20 cm
11"×8"

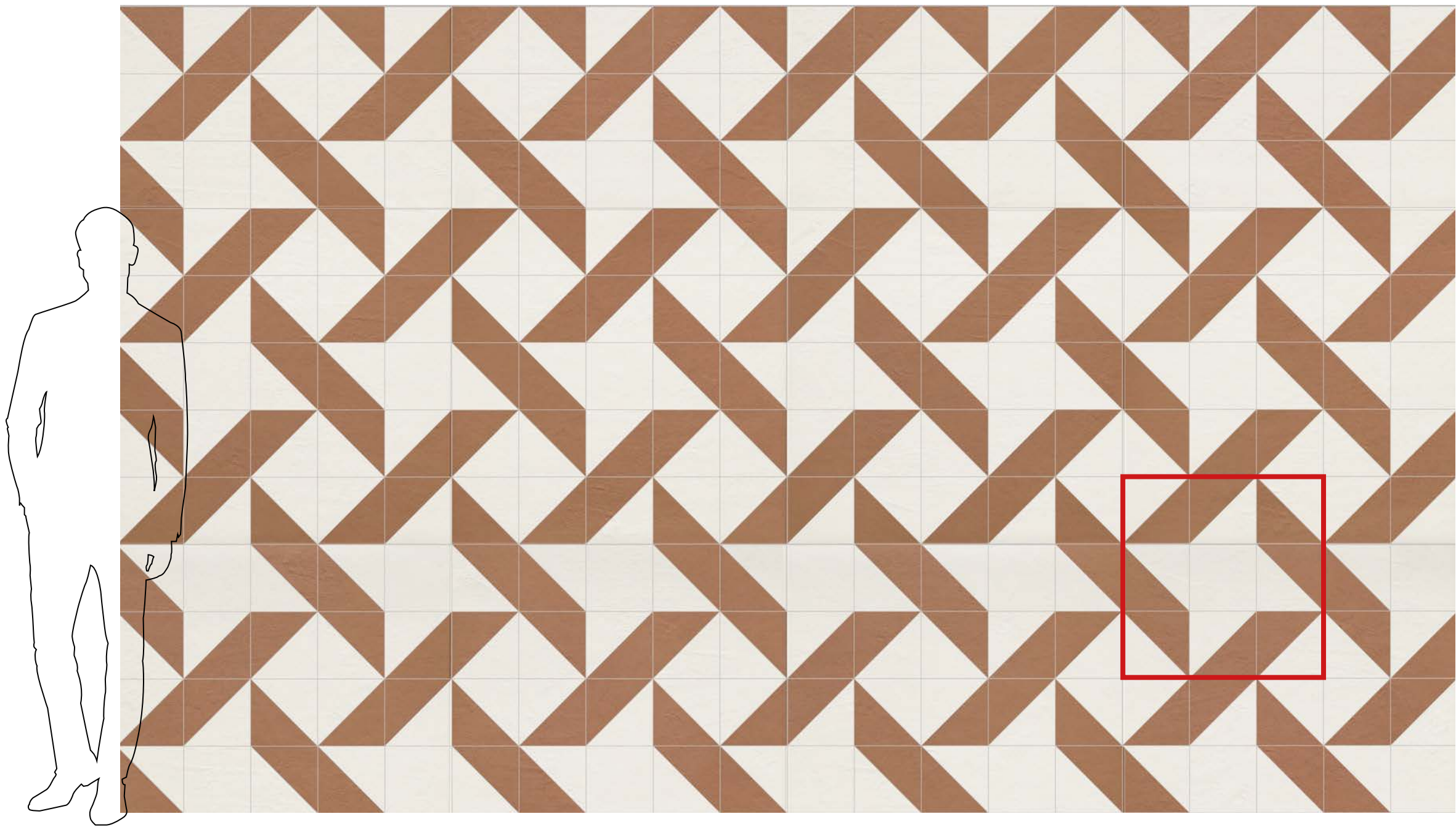
Element	%	pc
Square Biscuit	33,3%	1 pc
Parallelogram R Brown	33,3%	1 pc
Parallelogram L White	33,3%	1 pc



Minimum compositional module
40×40 cm - 16"×16"

Square + Triangle

Regular Patterns.



Square + Triangle pattern 240×400 cm - 96"×160"

Single elements:

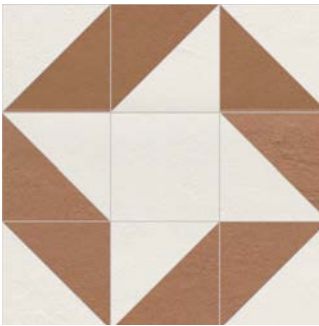


Square
20×20 cm
8"×8"



Triangle
20×20×28 cm
8"×8"×11"

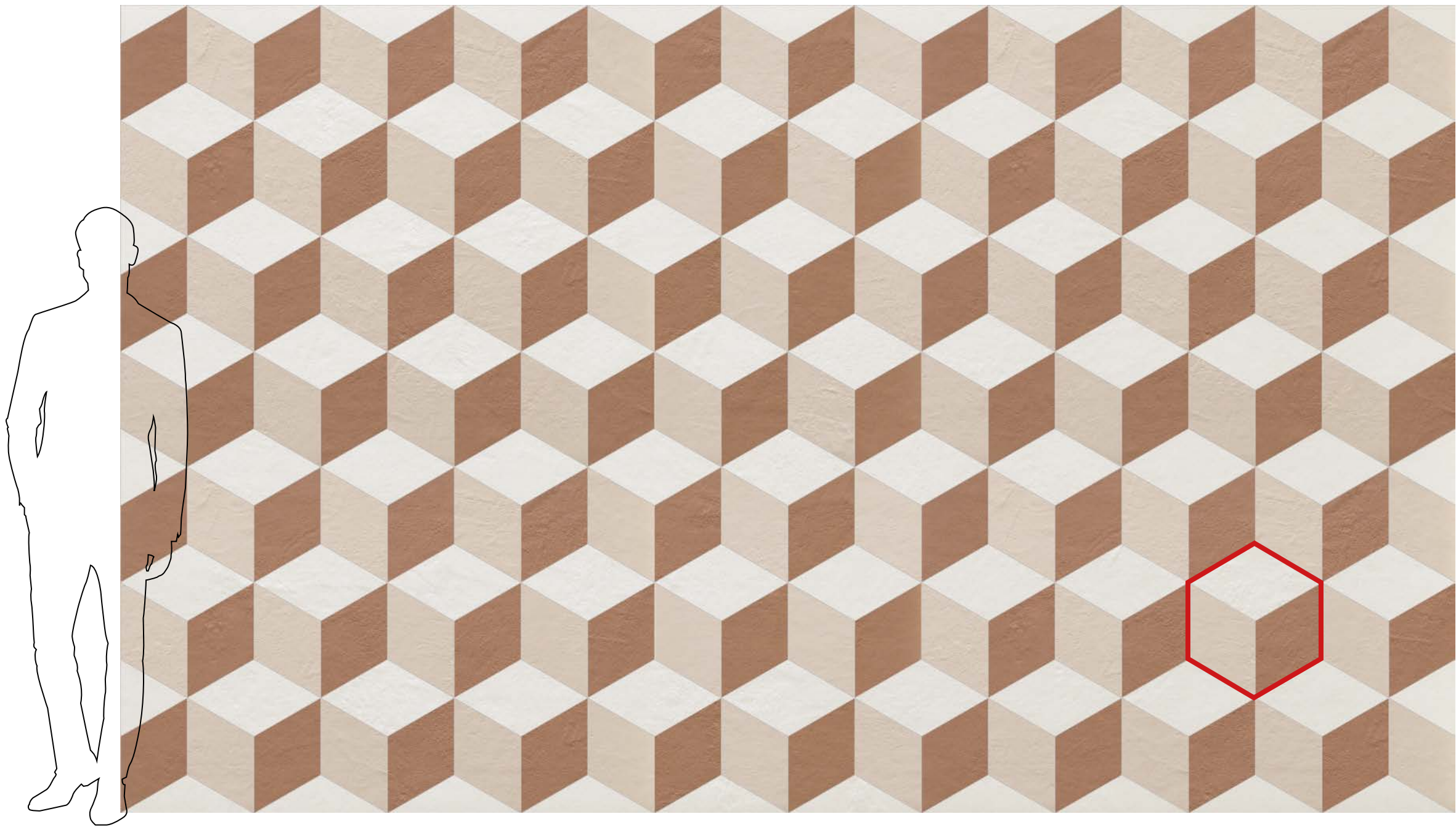
Element	%	pc
Square White	11,12%	1 pc
Triangle White	44,44%	8 pcs
Triangle Malt	44,44%	8 pcs



Minimum compositional module
60×60 cm - 24"×24"

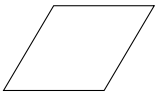
Rhombus

Regular Patterns.



Rhombus pattern 240×400 cm - 96"×160"

Single elements:



Rhombus
23×23 cm
9"×9"

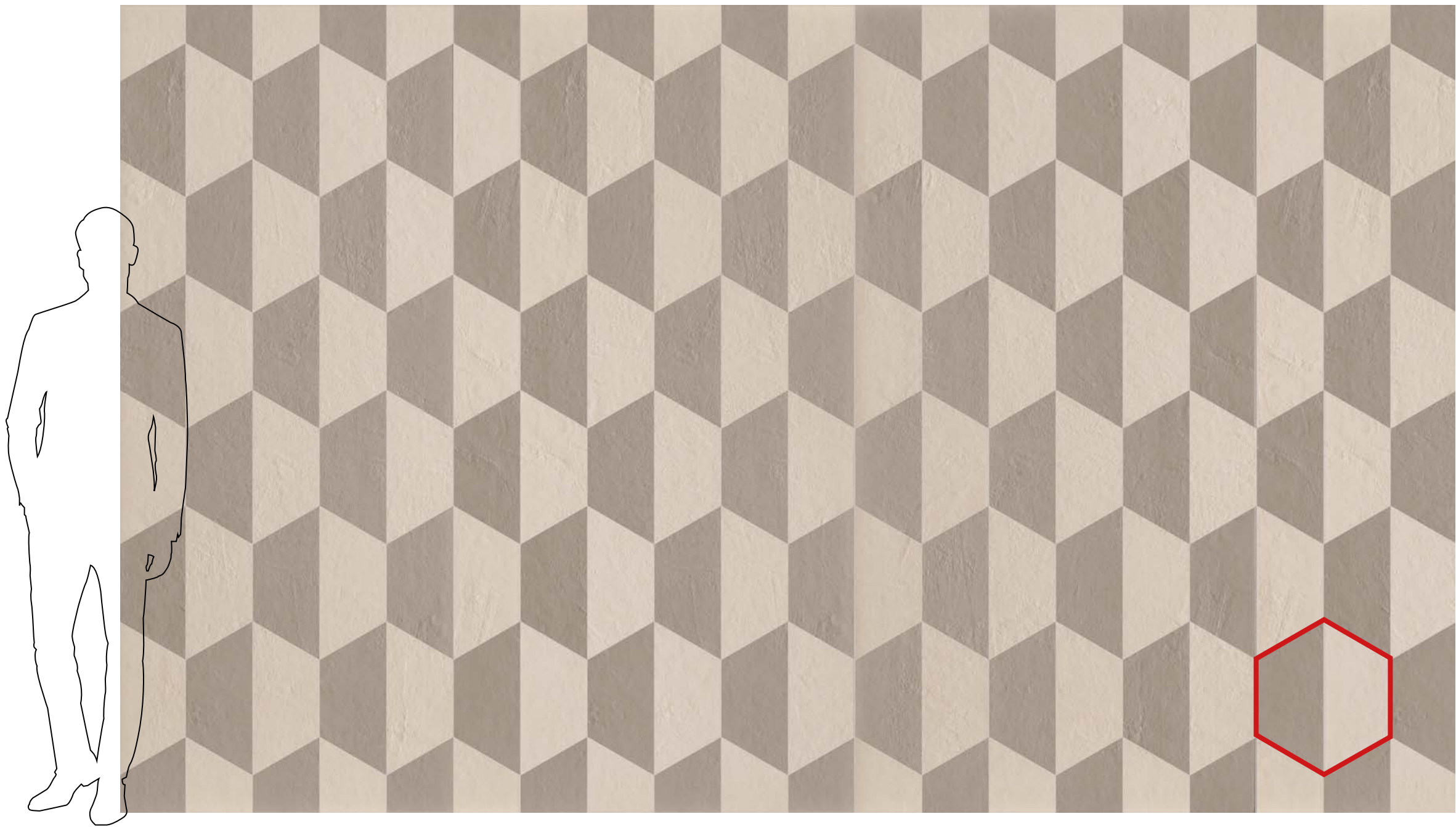
Element	%	pc
Rhombus White	33,3%	1 pc
Rhombus Malt	33,3%	1 pc
Rhombus Cream	33,3%	1 pc



Minimum compositional module
40×46 cm - 16"×18"

Trapezoid | Sol. 1

Regular Patterns.



Trapezoid pattern 240×400 cm - 96"×160"

Single elements:



Trapezoid
23×46 cm
9"×18"

Element	%	pc
Trapezoid Cream	50%	1 pc
Trapezoid Biscuit	50%	1 pc



Minimum compositional module
40×46 cm - 16"×18"

Trapezoid | Sol. 2

Regular Patterns.



Trapezoid pattern 240×400 cm - 96"×160"

Single elements:



Trapezoid
23×46 cm
9"×18"

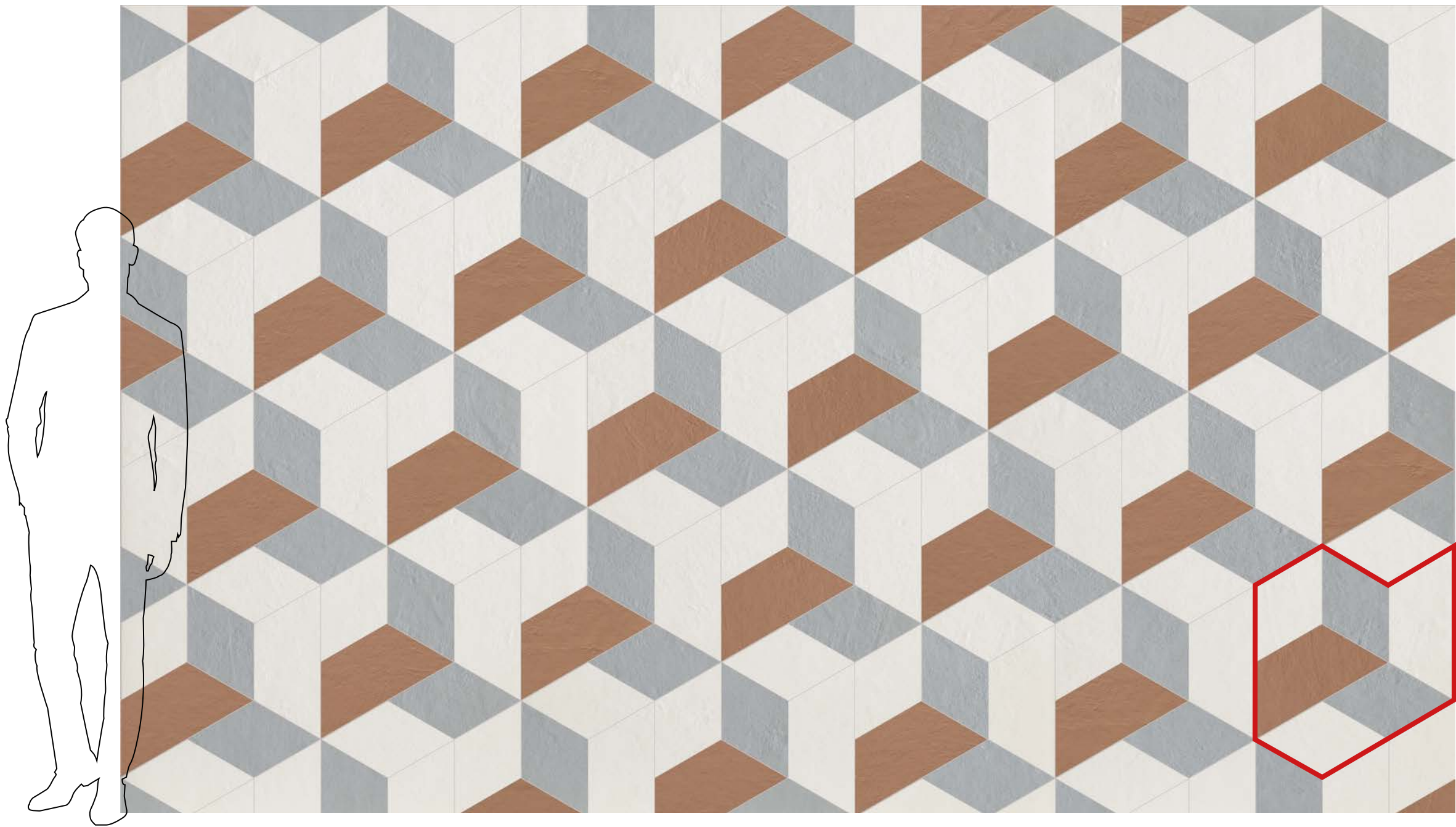
Element	%	pc
Trapezoid White	33,3%	1 pc
Trapezoid Biscuit	33,3%	1 pc
Trapezoid Cream	33,3%	1 pc



Minimum compositional module
66×66 cm - 26"×26"

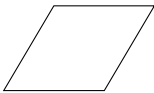
Rhombus + Trapezoid | Sol. 1

Regular Patterns.



Rhombus + Trapezoid pattern 240×400 cm - 96"×160"

Single elements:

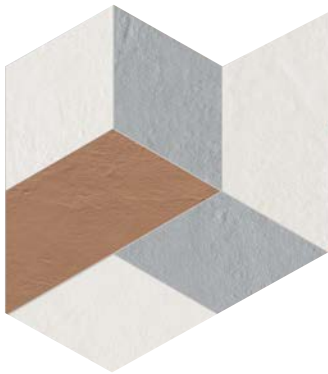


Rhombus
23×23 cm
9"×9"



Trapezoid
23×46 cm
9"×18"

Element	%	pc
Rhombus White	28%	2 pcs
Rhombus Powder	28%	2 pcs
Trapezoid Malt	22%	1 pc
Trapezoid White	22%	1 pc



Minimum compositional module
55×68 cm (.ca) - 21"×27"

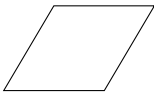
Rhombus + Trapezoid | Sol. 2

Regular Patterns.



Rhombus + Trapezoid pattern 240×400 cm - 96"×160"

Single elements:

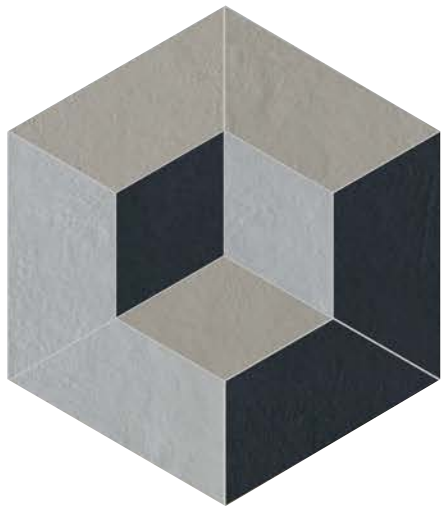


Rhombus
23×23 cm
9"×9"



Trapezoid
23×46 cm
9"×18"

Element	%	pc
Rhombus Sage	8,3%	1 pc
Rhombus Powder	8,3%	1 pc
Rhombus Night	8,3%	1 pc
Trapezoid Sage	25%	2 pcs
Trapezoid Powder	25%	2 pcs
Trapezoid Night	25%	2 pcs



Minimum compositional module
80×80 cm - 32"×32"

1

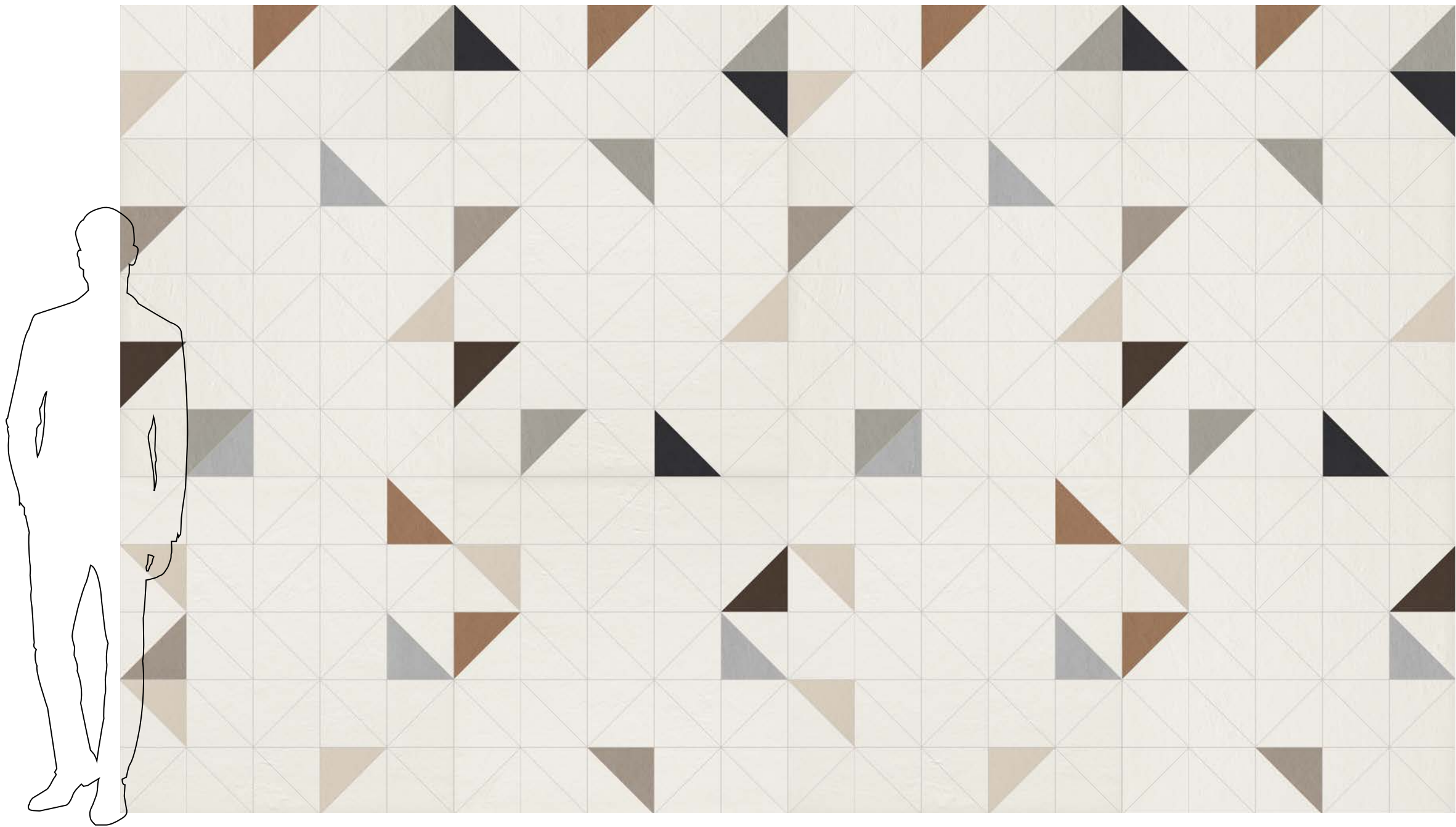
Random Patterns.

Endless combinations of shapes and colors.

Triangle	38
Square + Triangle + Parallelogram	40
Rhombus	42

Triangle

Random Patterns.



Random Triangle pattern 240×400 cm - 96"×160"

Single elements:



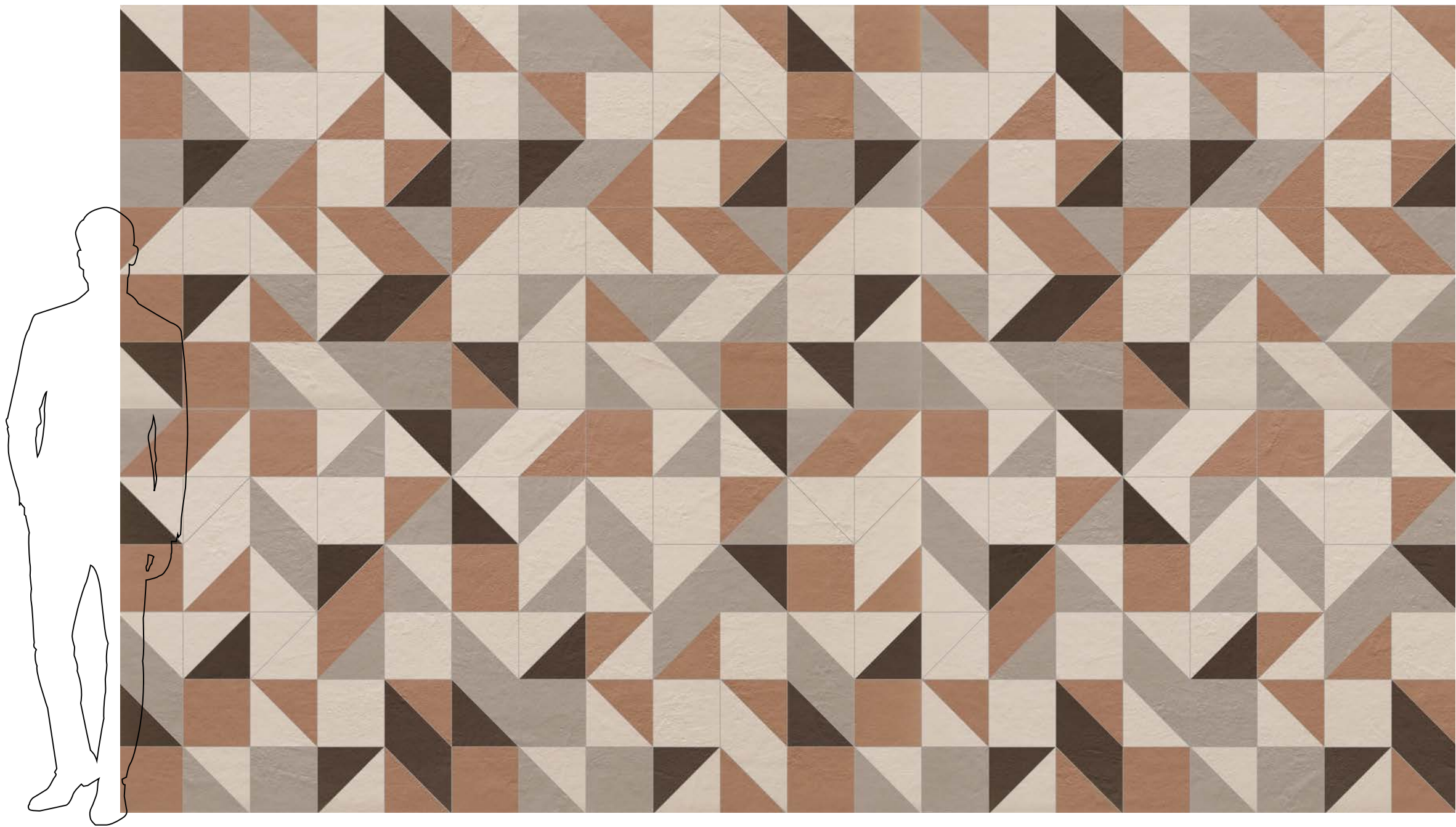
Triangle
20×20×28 cm
8"×8"×11"

Element	%
Triangle White	88%
Triangle Powder	2%
Triangle Sage	2%
Triangle Night	2%
Triangle Cream	2%
Triangle Malt	2%
Triangle Biscuit	2%
Triangle Brown	2%

Suggested compositional module
100×200 cm - 40"×80"

Square + Triangle + Parallelogram

Random Patterns.



Random Square + Triangle + Parallelogram pattern 240×400 cm - 96"×160"

Single elements:



Square
20×20 cm
8"×8"



Triangle
20×20×28 cm
8"×8"×11"



Parallelogram L+R
28×20 cm
11"×8"

Element	%
Square Cream	20%
Square Malt	6%
Square Biscuit	6%
Triangle Biscuit	12%
Triangle Malt	18%
Triangle Cream	16%
Triangle Brown	6%
Parallelogram R Malt	4%
Parallelogram L Biscuit	4%
Parallelogram L Cream	2%
Parallelogram R Cream	2%
Parallelogram L Brown	2%
Parallelogram R Brown	2%

Suggested compositional module
100×200 cm - 40"×80"

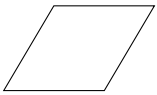
Rhombus

Random Patterns.



Random Rhombus pattern 240×400 cm - 96"×160"

Single elements:



Rhombus
23×23 cm
9"×9"

Element	%
Rhombus White	78,8%
Rhombus Cream	3,6%
Rhombus Sage	3,6%
Rhombus Powder	3,6%
Rhombus Biscuit	3,6%
Rhombus Malt	3,6%
Rhombus Night	3,6%
Rhombus Brown	3,6%

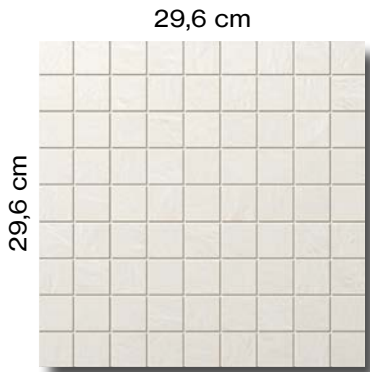
Suggested compositional module
100×200 cm - 40"×80"

Special pieces

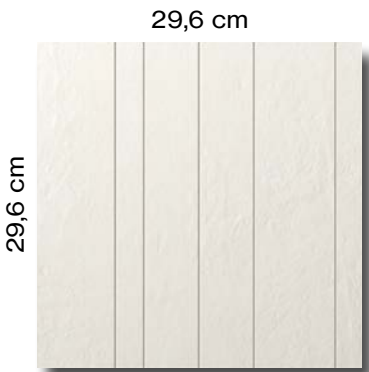
Recap.



Mosaic 4,7×4,7
30×30 cm ± 6 mm
12"×12"



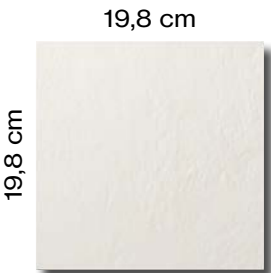
Mosaic 3,1×3,1
30×30 cm ± 6 mm
12"×12"



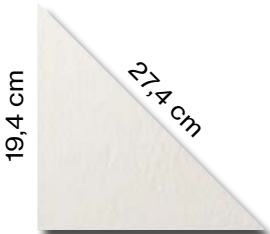
Listel
30×30 cm ± 6 mm
12"×12"



Brick Mosaic
30×30 cm ± 6 mm
12"×12"



Square
20×20 cm ± 6 mm
8"×8"



Triangle
20×20×28 cm ± 6 mm
8"×8"×11"



Rhombus
23×23 cm ± 6 mm
9"×9"



Parallelogram L+R
28×20 cm ± 6 mm
11"×8"



Trapezoid
23×46 cm ± 6 mm
9"×18"

Technical product features

Declared values of production

Compliance with standards

The surfaces complies with the European standards EN 14411 (group B1a) and international standards ISO 13006 Annex G.












- ISO 10545-2 (Determination of dimensions and surface quality)
- ISO 10545-3 (Determination of water absorption)
- ISO 10545-4 (Determination of modulus of rupture and breaking strength)
- ISO 10545-6 (Determination of resistance to deep abrasion for unglazed tiles)
- ISO 10545-8 (Determination of linear thermal expansion)
- ISO 10545-9 (Determination of resistance to thermal shock)
- ISO 10545-12 (Determination of frost resistance)
- ISO 10545-13 (Determination of chemical resistance)
- ISO 10545-14 (Determination of resistance to stains)

And it must also guarantee conformity with:

- DIN 51094 (lightfastness of the colours)
- DIN EN 16165 - Annex B (to measure the surfaces suitability for laying in areas where people walk footwear. Defining the “R-value” of the surfaces according to the table below):
 $\alpha < 6^\circ$ = not classified
 $6^\circ \leq \alpha \leq 10^\circ$ = R9
 $10^\circ < \alpha \leq 19^\circ$ = R10
 $19^\circ < \alpha \leq 27^\circ$ = R11
 $27^\circ < \alpha \leq 35^\circ$ = R12
 $\alpha > 35^\circ$ = R13
- DIN EN 16165 - Annex A (to measure the surfaces suitability for laying in areas where people walk barefoot. Given an “A, B and C” value according to the table below):
 $\alpha < 12^\circ$ = not classified
 $12^\circ \leq \alpha < 18^\circ$ = A
 $18^\circ \leq \alpha < 24^\circ$ = B (A+B)
 $\alpha \geq 24^\circ$ = C (A+B+C)

Compliance with these characteristics is checked in accordance with the certified quality management system of the UNI-EN ISO 9001 standard in addition to being guaranteed by the manufacturer.

Porcelaingres surfaces are made with low environmental impact in accordance with LEED_ BREEAM guidelines by using both new strategies for the continuous improvement of environmental friendliness and the aim of reducing wasting of non-renewable resources, in addition to using natural raw materials commonly found in the environment and recycled materials.

Features	Norms	▲ Required standard	Declared values
 water absorption	ISO 10545-3	$\leq 0,5\%$	< 0,05%
 sizes	ISO 10545-2	length and width $\pm 0,6\%$ max thickness $\pm 5,0\%$ max linearity $\pm 0,5\%$ max wedging $\pm 0,6\%$ max warpage $\pm 0,5\%$ max	$\pm 0,2\%$ max $\pm 5,0\%$ max $\pm 0,2\%$ max $\pm 0,2\%$ max $\pm 0,2\%$ max
 bending strength	ISO 10545-4	$\geq 35 \text{ N/mm}^2$	> 48N/mm ²
 resistance to deep abrasion	ISO 10545-6	$\leq 175 \text{ N/mm}^3$	140 mm ³
 thermal expansion coefficient	ISO 10545-8	testing method available	7 MK ⁻¹
 thermal shock resistance	ISO 10545-9	testing method available	resistant
 frost resistance	ISO 10545-12	no sample must show alterations to surface	frost resistance
 chemical resistance	ISO 10545-13	no sample must show visible signs of chemical attack (acids-bases-additives for pools) except for products containing hydrofluoric acid and derivates.	unaffected
 stain resistance	ISO 10545-14	unglazed tiles: testing method available	class 5
 colour resistance to light	DIN 51094	no sample must show noticeable colour change	no change in brightness or colour
 skid resistance average coefficient of friction (μ)	DIN EN 16165 Annex B		R9
	DIN EN 16165 Annex A		A

Certifications

Sensitivity towards ethycal, environmental, safety and quality concerns

Product Certifications:



LEED certification: is a global system used in 40+ countries to check if buildings are environmentally friendly. The LEED (Leadership in Energy and Environmental Design) It evaluates how well a building is sustainable in terms of the environment, society, and economy. The slabs in this tool have over 40% recycled material, following the ISO 14021 standard, ensuring the highest LEED points.

BREEAM certification is a widely used global standard that measures how buildings impact the environment. It has strictw rules and checks based on the latest technology and knowledge. The rating system demands certifications based on strict technical parameters and quality control.

You can find the updated list of certified collections at www.porcelaingres.com/downloads/.



UPEC classification associated with the QB certification mark attests to the compliance of floor and wall coverings with the technical requirements set out in certification reference documents. It assigns classifications of use indicating that the durability of a product is appropriate for use on specific types of premises.

The list of the certified products is available at <http://evaluation.cstb.fr/>



CE MARK - It indicates that Porcelaingres products comply with the requirements of 305/2011 UE directive – in particular with regard to health production and the users and consumers' safety – and may thus be freely circulated on the Community market. **For the declarations of conformity of each single product, please refer to:** www.porcelaingres.com/downloads/.



放射性水平A类
See official listing

The **China Compulsory Certificate** mark, commonly known as a **CCC Mark**, is a compulsory safety mark for our Great Format products imported, sold or used in the Chinese market.

The certification is available at www.porcelaingres.com/downloads/.



EPD (Environmental Product Declaration): a voluntary type III product declaration, based on analysis of the product life cycle (with a “from cradle to grave” approach) in accordance with the EN 15804 standard. This declaration is drawn up with reference to the guidelines of the UNI EN ISO 14040 standard and the specific PCR (Product Category Rules). This document describes the environmental impact linked to the entire life cycle of a specific quantity of product. Our Company was the first to certify its products (see www.environdec.com) with specific EPD, validated by an independent third-party Body.

The certification is available at www.porcelaingres.com/downloads/.



GREENGUARD certification ensures indoor products have minimal emissions of volatile substances for healthier environments. GREENGUARD Gold Certification considers safety for sensitive individuals and approves products for use in places like schools and healthcare facilities. Widely recognized globally in sustainable building programs, it is referenced by The Collaborative for High Performance Schools (CHPS) and Leadership in Energy and Environmental Design (LEED) in the United States.

Certified collections can be found at <https://spot.ul.com/>.

Integrated Management System Certifications:



ISO 9001 certification: for corporate Quality system management. The certification, valid at an international level, concerns corporate management in its entirety, from research and development to production, and from distribution to customer support. This system certifies that the Company has implemented an internal quality management system.

The certification is available at www.porcelaingres.com/downloads/.



ISO 50001 certification: for organizations committed to addressing their impact, conserving resources and improving the bottom line through efficient energy management. The standard specifies the requirements for establishing, implementing, maintaining and improving an energy management system, whose purpose is to enable an organization to follow a systematic approach in achieving continual improvement of energy performance, including energy efficiency, energy security, energy use and consumption.

The certification is available at www.porcelaingres.com/downloads/.

Environmental Information and Labels:



Declare label: a badge for construction materials, essentially functioning as a voluntary self-disclosure program. This initiative furnishes details about the material's composition, final assembly locations, lifespan, end-of-life options, and overall adherence to pertinent Living Building Challenge® (LBC) requirements.

Accessible through a complimentary database, Declare® labels prove to be an essential tool for designers and architects, empowering them to specify products aligning with the criteria of key green building standards, including Core Green Building certifications, LBC, LEED, and WELL.

All our materials hold the classification of being “Red List Free,” affirming their absence of chemicals listed in the Living Building Challenge's “Red List.”

More info available at <https://declare.living-future.org/products/ceramic-slabs>.



ISO 14067 certification: is an international standard that outlines the principles and guidelines for measuring and communicating the carbon footprint of products. This certification focuses on assessing and managing the carbon emissions associated with all stages of a product's life cycle, from raw material extraction through production, distribution, use, and disposal.

The certification is available at www.porcelaingres.com/downloads/.



The **Cradle to Cradle** certification recognizes sustainable products, focusing on material health, recyclability, renewable energy, water use, and social fairness. It promotes a circular economy by encouraging reusable or upcycled products, reducing waste and environmental impact. **Available exclusively for our Great Collections (Large format).**

The certification is available at <https://c2ccertified.org/certified-products/porcelain-stoneware-slabs>.





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CERAMICA
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